III. In the Claims.

1. Please add new claims 33-42.

1. (Original) A lift belt comprising:
an elastomeric body having a width w and a thickness t and having a pulley engaging surface;
the elastomeric body having an aspect ratio w/t that is greater than 1;
a tensile cord contained within the elastomeric body and extending longitudinally;
the pulley engaging surface having a ribbed profile; and
the ribbed profile having a rib with an angle of approximately 90°.

2. (Original) The lift belt as in claim 1, wherein the tensile cord comprises a conductive material having a resistance.

3. (Original) The lift belt as in claim 2, wherein the resistance of the tensile cord varies to indicate a lifting belt load.

4. (Original) The lift belt as in claim 1 comprising a plurality of ribs.

5. (Original) The lift belt as in claim 4 having an end.

6. (Original) The lift belt as in claim 3 comprising a plurality of tensile cords.

7. (Original) The lift belt as in claim 3 further comprising:
a jacket on a surface opposite the pulley engaging surface.

8. (Original) The lift belt as in claim 7, wherein the jacket comprises nylon.

9. (Original) The lift belt as in claim 8 wherein a tensile cord comprises a metallic material.

10. (Original) The lift belt as in claim 9 wherein a tensile cord comprises steel.

11. (Previously Amended) The lift belt as in claim 1 further comprising:
an electrical circuit connected to the ~~a~~ tensile cord for measuring a tensile cord load.

12. (Original) The lift belt as in claim 1 further comprising:
an electrical circuit for detecting a tensile cord failure.

13. (Original) An elevator lift system comprising:
a belt having an elastomeric body having a width w and a thickness t and having a pulley engaging surface;
the elastomeric body having an aspect ratio w/t that is greater than 1;
a tensile cord contained within the elastomeric body and extending longitudinally;
the pulley engaging surface having a ribbed profile;
the ribbed profile having a rib with an angle of approximately 90°; and

at least one pulley having a ribbed profile engaged with the pulley engaging surface.

14. (Original) The lift system as in claim 13, wherein the tensile cord comprises a conductive material having a resistance.

15. (Original) The lift system as in claim 14, wherein the resistance of the tensile cord varies according to a lifting belt load.

16. (Original) The lift system as in claim 13, wherein the pulley engaging surface comprises a plurality of ribs.

17. (Original) The lift system as in claim 16, wherein the belt has an end.

18. (Original) The lift system as in claim 15 comprising a plurality of tensile cords.

19. (Original) The lift system as in claim 15 further comprising:
a jacket on a surface opposite the pulley engaging surface.

20. (Original) The lift system as in claim 19, wherein the jacket comprises nylon.

21. (Original) The lift system as in claim 18 wherein a tensile cord comprises a metallic material.

22. (Original) The lift system as in claim 21 wherein a tensile cord comprises steel.

23. (Original) The lift system as in claim 13 further comprising:

an electrical circuit connected to a tensile cord for measuring a tensile cord load.

24. (Original) The lift system as in claim 13 further comprising:

an electrical circuit for detecting a tensile cord failure.

25. (Original) The lift belt as in claim 1 further comprising fibers extending from the pulley engaging surface.

26. (Original) A lift system comprising:

a belt having an elastomeric body having a width w and a thickness t and having a pulley engaging surface;

the elastomeric body having an aspect ratio w/t that is greater than 1;

a tensile cord contained within the elastomeric body and extending longitudinally;

the pulley engaging surface having a ribbed profile;

the ribbed profile having a rib with an angle of approximately 90°;

at least one pulley having a ribbed profile engaged with the pulley engaging surface; and

an electric circuit for detecting a tensile cord load and for controlling operation of the system.

27. (Original) A method of operating a lift system comprising the steps of:

training a tensile cord over a pulley between a motor and a load;

measuring an electrical resistance of the tensile cord; and

controlling an operation of the motor according to the electrical resistance.

28. (Previously Amended) A lift belt comprising:

an elastomeric body having a width w and a thickness t and having a pulley engaging surface;

the elastomeric body having an aspect ratio w/t that is greater than 1;

a tensile cord contained within the elastomeric body and extending longitudinally;

the pulley engaging surface having a ribbed profile; and

the ribbed profile having a rib with a rib angle of approximately 90°.

29. (Original) The lift belt as in claim 28, wherein the tensile cord comprises a conductive material having a resistance.

30. (Original) The lift belt as in claim 29, wherein the resistance of the tensile cord varies to indicate a lifting belt load.

31. (Original) The lift belt as in claim 28, wherein the rib angle is in the range of approximately 60° to 120°.

32. (Previously Cancelled) ~~The lift belt as in claim 28, wherein the rib angle is approximately 90°~~.

33. (New) The lift belt as in claim 1 further comprising a fiber loading in the elastomeric body.

34. (New) The lift belt as in claim 13 further comprising a fiber loading in the elastomeric body.

35. (New) The lift belt as in claim 26 further comprising a fiber loading in the elastomeric body.

36. (New) The lift belt as in claim 33, wherein the fiber loading comprises one of cellulose, aramid, polyester, cotton, nylon, carbon, acrylic, polyurethane, or glass fibers individually or in combination with two or more of the foregoing.

37. (New) The lift belt as in claim 34, wherein the fiber loading comprises one of cellulose, aramid, polyester, cotton, nylon, carbon, acrylic, polyurethane, or glass fibers individually or in combination with two or more of the foregoing.

38. (New) The lift belt as in claim 35, wherein the fiber loading comprises one of cellulose, aramid, polyester, cotton, nylon, carbon, acrylic, polyurethane, or glass fibers individually or in combination with two or more of the foregoing.

39. (New) A lift belt comprising:
an elastomeric body having a width w and a thickness t and having a pulley engaging surface;
the elastomeric body having an aspect ratio w/t that is greater than 1;
a tensile cord contained within the elastomeric body and extending longitudinally;
the pulley engaging surface having a ribbed profile; and
the ribbed profile having a rib with an angle in the range of approximately 60° to approximately 120°.

40. (New) The lift belt as in claim 39 further comprising a fiber loading in the elastomeric body.

41. (New) The lift belt as in claim 40, wherein the fiber loading comprises one of cellulose, aramid, polyester, cotton, nylon, carbon, acrylic, polyurethane, or glass fibers individually or in combination with two or more of the foregoing.

42. (New) The lift belt as in claim 39, wherein the angle is approximately 90°.